

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Revised  
 TEST: Initial Annual Workover Reclassification TEST DATE: 11-15-85

Lease Well No. 1  
 Company Mobil Oil Corp. Owner Owen Dody

County Stevens Location NE SE Section 36 Township 32S Range 35 Acres

Field North Shack Reservoir Chester Pipeline Connection

Completion Date 3-24-84 Type Completion (Describe) Single Plug Back T.D. 6382 Packer Set At 6056

Production Method: Flowing Pumping  Gas Lift Type Fluid Production Gas-Saltwater-Oil API Gravity of Liquid/Oil 40.9

Casing Size 5/2 Weight 15.5 I.D. 4.950 Set At 6509 Perforations To 6134-6142

Tubing Size 2 3/8 Weight 6.5 I.D. 2.441 Set At 6117 Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 11-14-85 Time 3:00 Ending Date 11-15-85 Time 3:00 PM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure			Choke Size		
Casing:	Tubing:						
Bbls./In.	Tank	Starting Gauge		Ending Gauge		Net Prod. Bbls.	
	Size Number	Feet	Inches	Feet	Inches	Water	Oil
Pretest:		4	5	4	8	4	5
Test:	300 6091	4	10 3/4	4	11	98.53	0 1
Test:							

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range				
Pipe Taps:	Flange Taps:	Differential:	Static Pressure:				
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover In. Water	Tester Pressure In. Merc.	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter				8		1	
Critical Flow Prover	2"	1/8				68	
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(Pm)	Extension $\sqrt{hw \times Fm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)
.2716	22	—	1.213			

Gas Prod. MCFD Flow Rate (R): 7 Oil Prod. Bbls./Day: 1 Gas/Oil Ratio (GOR) = 7000 Cubic Ft. per Bbl.

undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 15th day of November 1985

STATE CORPORATION COMMISSION

For Offset Operator

For State

NOV 20 1985

For Company